

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

date 4-13-99 are:

raftsperson under 37 CFR 1.84 or 1.152.
Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require
ed drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

4(a): Acceptable categories of drawings:

not acceptable until petition is granted.

ink not permitted. Fig(s) _____
R 1.84 (b) _____
ired. Fig(s) _____
perly mounted (must use bristol board or
e-weight paper). Fig(s) _____
one). Fig(s) _____
FR 1.84(e) _____
strong, white, and durable.

ns, overwritings, interlineations,
ne marks not accepted. Fig(s) _____
er is not acceptable (too thin).

FR 1.84(f): Acceptable sizes:
cm (DIN size A4)
cm (8 1/2 x 11 inches)
is not the same size.

not an acceptable size. Fig(s) _____
1.84(g): Acceptable margins:

cm Right 1.5 cm Bottom 1.0 cm
A4 Size
cm Right 1.5 cm Bottom 1.0 cm
8 1/2 x 11
ble. Fig(s) 15-10, 17

Left (L)
Bottom (B)

.84(h)
ification may require revision to
ing changes.

FR 1.84(h)(2)
ded to show figure as one entity.

beled separately or properly.

w not labeled separately or properly.

EWS. 37 CFR 1.84 (h)(3)
at indicated for sectional portions of an object.

esignation should be noted with Arabic or
mbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
Words do not appear on a horizontal, left-to-right fashion
when page is either upright or turned so that the top
becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)
Scale not large enough to show mechanism without
crowding when drawing is reduced in size to two-thirds in
reproduction.
Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS.
37 CFR 1.84(i)

Lines, numbers & letters not uniformly thick and well
defined, clean, durable, and black (poor line quality).
Fig(s) 3-17

11. SHADING. 37 CFR 1.84(m)
Solid black areas pale. Fig(s) _____
Solid black shading not permitted. Fig(s) _____
Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
37 CFR 1.84(p)

Numbers and reference characters not plain and legible.
Fig(s) _____
Figure legends are poor. Fig(s) 1-17
Numbers and reference characters not oriented in the
same direction as the view. 37 CFR 1.84(p)(1)
Fig(s) _____
English alphabet not used. 37 CFR 1.84(p)(2)
Figs _____
Numbers, letters and reference characters must be at least
.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)
Lead lines cross each other. Fig(s) _____
Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)
Sheets not numbered consecutively, and in Arabic numerals
beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Views not numbered consecutively, and in Arabic numerals,
beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)
Corrections not made from prior PTO-948
dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152
Surface shading shown not appropriate. Fig(s) _____
Solid black shading not used for color contrast.
Fig(s) _____

R. Chapman

DATE 5-11-99

TELEPHONE NO. 703 305 8730

AGENT TO PAPER NO. 2

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

2. Timing for Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.